

# Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

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Mr Nigel Harper

NJ Skip Hire  
Hafod Yard  
Hafod Road  
Johnstown  
Wrexham  
LL14 6HF

Permit number  
EPR/WP3990VL

# **NJ Skip Hire, Hafod Yard**

## **Permit number EPR/WP3990VL**

### **Introductory note**

#### **This introductory note does not form a part of the permit**

The main features of the permit are as follows.

The permit allows the holder to operate a Household, Commercial and Industrial Waste Transfer Station with waste treatment. Non hazardous household, commercial and industrial waste can be bulked up for disposal or recovery elsewhere and can be treated by sorting, separation, screening, baling, shredding, crushing and compaction. This permit does not permit the burning of any wastes, either in the open, inside buildings or in any form of incinerator.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

#### **Status Log of the permit**

| <b>Detail</b>                                                             | <b>Date</b>          | <b>Comments</b>                                                                                                                                                                           |
|---------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application EAWML 100343                                                  | 31/01/2008           | Application for a household, commercial and industrial waste transfer station with treatment and asbestos storage and vehicle depollution and dismantling (authorised treatment) facility |
| Permit determined EAWML 100343                                            | 03/12/2008           | Original permit issued to Mr Michael Davies trading as M and J T Davies Group                                                                                                             |
| Application EPR/WP3990VL/T001 for partial transfer of permit EAWML 100343 | Duly made 10/05/2011 | Application to partially transfer permit to Mr Nigel Harper                                                                                                                               |
| Partial transfer determined                                               | 02/08/2011           | Partial transfer of permit complete and varied permit EAWML 100343 issued to Mr Michael Davies.<br><br>New permit EPR/WP3990VL issued to Mr Nigel Harper                                  |

End of introductory note

# Permit

The Environmental Permitting (England and Wales) Regulations 2010

**Permit number**  
**EPR/WP3990VL**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

**Mr Nigel Harper** ("the operator"),

of

61 Chapel Street  
Ponciau Rhosllanerchrugog  
Wrexham  
LL14 1SE

to operate waste operations at

**NJ Skip Hire**  
**Hafod Yard**  
**Hafod Road**  
**Johnstown**  
**Wrexham**  
**LL14 6HF**

to the extent authorised by and subject to the conditions of this permit.

| Name               | Date              |
|--------------------|-------------------|
| <b>Philip Lamb</b> | <b>02/08/2011</b> |

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

- (a) Records demonstrating compliance with condition 1.1.1 shall be maintained.
- (b) Any persons having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4. The operator shall comply with the requirements of an approved competence scheme

### 1.2 Avoidance, recovery and disposal of wastes produced by the activities

1.2.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
- (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
- (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.2.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

### **1.3. Accident management plan**

1.3.1 The permit holder shall:

- (a) maintain and implement an accident management plan;
- (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
- (c) make any appropriate changes to the plan identified by a review.

## **2 Operations**

### **2.1 Permitted activities**

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

### **2.2 The site**

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan in schedule 7 to this permit.

### **2.3 Operating techniques**

- 2.3.1
- (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in schedule 1, table S1.1, unless otherwise agreed in writing by the Environment Agency.
  - (b) If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan specified in schedule 1, table S1.1 or otherwise required under this permit, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### **2.4 Improvement programme**

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.2 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

## **2.5 Waste acceptance**

2.5.1 Wastes shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 1 table S1.1 ; and
- (b) except for household waste accepted from householders, it conforms to the description in the documentation supplied by the producer and holder.

2.5.2. Records shall be maintained of all waste accepted onto the site.

## **3 Emissions**

### **3.1 Odour**

3.1.1. Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the permit holder has used appropriate measures to prevent or where that is not practicable, to minimise, the odour.

3.1.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan;
- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### **3.2 Noise and vibration**

3.2.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.2.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **4 Information**

### **4.1 Records**

4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
  - (i) off-site environmental effects; and
  - (ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days, where the records have been requested in writing by the Agency.

4.2.3 Within one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

## 4.3 Notifications

4.3.1 The Environment Agency shall be notified without delay following the detection of:

- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
- (b) the breach of a limit specified in the permit; or
- (c) any significant adverse environmental and health effects.

4.3.2 Written confirmation of actual or potential pollution incidents and breaches of emission limits shall be submitted within 24 hours.

4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:

- (a) as soon as practicable prior to the permanent cessation of any of the activities;
- (b) cessation of operation of all or part of the activities for a period likely to exceed 3 months;
- (c) resumption of the operation of all or part of the activities after a cessation notified

under (b) above.

- 4.3.4 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.
- 4.3.5 The Agency shall be notified within 14 days of the permit holder and/or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 4.3.6 The Agency shall be notified within 14 days of the permit holder and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 4.3.7 The Agency shall be notified within 14 days of the occurrence of the following matters except where such disclosure is prohibited by Stock Exchange rules:
- any change in the permit holder's or address;
  - any steps taken with a view to the dissolution
  - any steps taken with a view to the permit holder going into bankruptcy, entering into a composition or arrangement with creditors.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

# Schedule 1 - Operations

| Table S1.1 Permitted activities – Waste Transfer Station                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description of activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Limits of activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p><b>D15:</b> Storage of waste pending any of the operations listed in paragraphs 1 to 14 of this Part of this Schedule, but excluding temporary storage, pending collection, on the site where the waste is produced.</p> <p><b>R13:</b> Storage of waste pending any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule, but excluding temporary storage, pending collection, on the site where it is produced.</p> <p><b>D14:</b> Repackaging of waste prior to the waste being submitted to any of the operations listed in paragraphs 1 to 13 of this Part of this Schedule.</p>                              | <p>All bulking or transfer of non-hazardous waste must be carried out either inside a building or in bays with an impermeable surface and a sealed drainage system.</p> <p>Non-hazardous wastes must be kept in a building or within a secure container or in bays with an impermeable surface and a sealed drainage system.</p> <p>Non-hazardous waste must be kept on an impermeable surface with sealed drainage.</p> <p>Inert wastes must be kept on hard standing or on an impermeable surface with sealed drainage.</p>                         |
| <p><b>D9:</b> Physico-chemical treatment of waste not listed elsewhere in this Part of this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule (for example, evaporation, drying, calcination).</p> <p><b>R3:</b> Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes.</p> <p><b>R4:</b> Recycling or reclamation of metals and metal compounds</p> <p><b>R5:</b> Recycling or reclamation of other inorganic materials</p> | <p>Treatment consisting only of manual sorting, baling and shredding of non-hazardous or inert waste into different components for disposal, (no more than 20 tonnes per day) or recovery.</p> <p>Treatment of non- hazardous waste must be carried out within a building or in bays with an impermeable surface and a sealed drainage system.</p> <p>Non-hazardous waste must be treated on an impermeable surface with sealed drainage.</p> <p>Inert wastes must be treated on hard standing or on an impermeable surface with sealed drainage.</p> |

| Table S1.2 Improvements to be completed before operations commence |                                                                                                                                                                                                                                                                                                                                                                                                  |                                     |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Improvement                                                        | Description                                                                                                                                                                                                                                                                                                                                                                                      | Completion date                     |
| <b>Drainage:</b>                                                   | Construct a impermeable hardstanding for mixed waste reception and sorting area at rear of site which will consist of laying concrete pad (approx 1.2m depth) with a 300mm kerb bunding. This pad will be laid to fall to a x2 chamber settlement tank which would then drain to a soakaway. The soakaway would be constructed within the permitted area. (See attached Drawing 2208/1234/03 B). | Prior to commencement of operations |

## Schedule 2 - Waste types

| <b>Table S2. Licensed waste types and quantities</b>                                                                                                                                                                                                                                                                                                           |                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Maximum Quantities</b><br>The quantity of wastes listed below, accepted at the site shall be less than 4,999 tonnes a year.                                                                                                                                                                                                                                 |                                                                                                                           |
| <b>Exclusions</b><br>Notwithstanding the specification of waste types below, wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Wastes that are in a form which is either sludge or liquid</li> </ul> |                                                                                                                           |
| <b>Waste Code</b>                                                                                                                                                                                                                                                                                                                                              | <b>Description</b>                                                                                                        |
| <b>01</b>                                                                                                                                                                                                                                                                                                                                                      | <b>WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS</b>              |
| <b>01 01</b>                                                                                                                                                                                                                                                                                                                                                   | <b>Wastes from mineral excavation</b>                                                                                     |
| 01 01 01                                                                                                                                                                                                                                                                                                                                                       | Wastes from mineral metalliferous excavation                                                                              |
| 01 01 02                                                                                                                                                                                                                                                                                                                                                       | Wastes from mineral non-metalliferous excavation                                                                          |
| <b>01 03</b>                                                                                                                                                                                                                                                                                                                                                   | <b>Wastes from physical and chemical processing of metalliferous minerals</b>                                             |
| 01 03 06                                                                                                                                                                                                                                                                                                                                                       | Tailings other than those mentioned in 01 03 04 and 01 03 05                                                              |
| 01 03 09                                                                                                                                                                                                                                                                                                                                                       | Red mud from alumina production other than the wastes mentioned in 01 03 07                                               |
| <b>01 04</b>                                                                                                                                                                                                                                                                                                                                                   | <b>Wastes from physical and chemical processing of non-metalliferous minerals</b>                                         |
| 01 04 08                                                                                                                                                                                                                                                                                                                                                       | Waste gravel and crushed rocks other than those mentioned in 01 04 07                                                     |
| 01 04 09                                                                                                                                                                                                                                                                                                                                                       | Waste sand and clays                                                                                                      |
| 01 04 11                                                                                                                                                                                                                                                                                                                                                       | Wastes from potash and rock salt processing other than those mentioned in 01 04 07                                        |
| 01 04 12                                                                                                                                                                                                                                                                                                                                                       | Tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11       |
| 01 04 13                                                                                                                                                                                                                                                                                                                                                       | Wastes from stone cutting and sawing other than those mentioned in 01 04 07                                               |
| <b>02</b>                                                                                                                                                                                                                                                                                                                                                      | <b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b> |
| <b>02 01</b>                                                                                                                                                                                                                                                                                                                                                   | <b>Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>                                  |
| 02 01 03                                                                                                                                                                                                                                                                                                                                                       | Plant-tissue waste                                                                                                        |
| 02 01 04                                                                                                                                                                                                                                                                                                                                                       | Waste plastics (except packaging)                                                                                         |
| 02 01 07                                                                                                                                                                                                                                                                                                                                                       | Wastes from forestry                                                                                                      |
| 02 01 10                                                                                                                                                                                                                                                                                                                                                       | Waste metal                                                                                                               |
| <b>02 02</b>                                                                                                                                                                                                                                                                                                                                                   | <b>Wastes from the preparation and processing of meat, fish and other foods of animal origin</b>                          |
| 02 02 03                                                                                                                                                                                                                                                                                                                                                       | Materials unsuitable for consumption or processing                                                                        |

| <b>Table S2. Licensed waste types and quantities</b> |                                                                                                                                                                                                                       |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>02 03</b>                                         | <b>Wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation</b> |
| 02 03 04                                             | Materials unsuitable for consumption or processing                                                                                                                                                                    |
| <b>02 04</b>                                         | <b>Wastes from sugar processing</b>                                                                                                                                                                                   |
| 02 04 01                                             | Soil from cleaning and washing beet                                                                                                                                                                                   |
| 02 04 02                                             | Off-specification calcium carbonate                                                                                                                                                                                   |
| <b>02 05</b>                                         | <b>Wastes from the dairy products industry</b>                                                                                                                                                                        |
| 02 05 01                                             | Materials unsuitable for consumption or processing                                                                                                                                                                    |
| <b>02 06</b>                                         | <b>Wastes from the baking and confectionery industry</b>                                                                                                                                                              |
| 02 06 01                                             | Materials unsuitable for consumption or processing                                                                                                                                                                    |
| 02 06 02                                             | Wastes from preserving agents                                                                                                                                                                                         |
| <b>02 07</b>                                         | <b>Wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)</b>                                                                                                             |
| 02 07 01                                             | Wastes from washing, cleaning and mechanical reduction of raw materials                                                                                                                                               |
| 02 07 02                                             | Wastes from spirits distillation                                                                                                                                                                                      |
| 02 07 04                                             | Materials unsuitable for consumption or processing                                                                                                                                                                    |
| <b>03</b>                                            | <b>WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD</b>                                                                                                              |
| <b>03 01</b>                                         | <b>Wastes from wood processing and the production of panels and furniture</b>                                                                                                                                         |
| 03 01 01                                             | Waste bark and cork                                                                                                                                                                                                   |
| 03 01 05                                             | Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04                                                                                                                   |
| <b>03 03</b>                                         | <b>Wastes from pulp, paper and cardboard production and processing</b>                                                                                                                                                |
| 03 03 01                                             | Waste bark and wood                                                                                                                                                                                                   |
| 03 03 07                                             | Mechanically separated rejects from pulping of waste paper and cardboard                                                                                                                                              |
| 03 03 08                                             | Wastes from sorting of paper and cardboard destined for recycling                                                                                                                                                     |
| 03 03 10                                             | Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation                                                                                                                                         |
| <b>04</b>                                            | <b>WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES</b>                                                                                                                                                            |
| <b>04 01</b>                                         | <b>Wastes from the leather and fur industry</b>                                                                                                                                                                       |
| 04 01 08                                             | Waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium                                                                                                                           |
| 04 01 09                                             | Wastes from dressing and finishing                                                                                                                                                                                    |
| <b>04 02</b>                                         | <b>Wastes from the textile industry</b>                                                                                                                                                                               |
| 04 02 21                                             | Wastes from unprocessed textile fibres                                                                                                                                                                                |
| 04 02 22                                             | Wastes from processed textile fibres                                                                                                                                                                                  |

| <b>Table S2. Licensed waste types and quantities</b> |                                                                                              |
|------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>06 WASTES FROM INORGANIC CHEMICAL PROCESSES</b>   |                                                                                              |
| <b>06 09</b>                                         | <b>Wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes</b>      |
| 06 09 02                                             | Phosphorous slag                                                                             |
| 06 09 04                                             | Calcium-based reaction wastes other than those mentioned in 06 09 03                         |
| <b>06 11</b>                                         | <b>Wastes from the manufacture of inorganic pigments and opacifiers</b>                      |
| 06 11 01                                             | Calcium-based reaction wastes from titanium dioxide production                               |
| <b>07 WASTES FROM ORGANIC CHEMICAL PROCESSES</b>     |                                                                                              |
| <b>07 02</b>                                         | <b>Wastes from the MFSU of plastics, synthetic rubber and man-made fibres</b>                |
| 07 02 13                                             | Waste plastic                                                                                |
| <b>09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY</b>      |                                                                                              |
| <b>09 01</b>                                         | <b>Wastes from the photographic industry</b>                                                 |
| 09 01 07                                             | Photographic film and paper containing silver or silver compounds                            |
| 09 01 08                                             | Photographic film and paper free of silver or silver compounds                               |
| 09 01 10                                             | Single-use cameras without batteries                                                         |
| 09 01 12                                             | Single-use cameras containing batteries other than those mentioned in 09 01 11               |
| <b>10 WASTES FROM THERMAL PROCESSES</b>              |                                                                                              |
| <b>10 01</b>                                         | <b>Wastes from power stations and other combustion plants (except 19)</b>                    |
| 10 01 01                                             | Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)               |
| 10 01 05                                             | Calcium-based reaction wastes from flue-gas desulphurisation in solid form                   |
| 10 01 07                                             | Calcium-based reaction wastes from flue-gas desulphurisation in sludge form                  |
| 10 01 15                                             | Bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14 |
| 10 01 19                                             | Wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18       |
| 10 01 24                                             | Sands from fluidised beds                                                                    |
| <b>10 02</b>                                         | <b>Wastes from the iron and steel industry</b>                                               |
| 10 02 01                                             | Wastes from the processing of slag                                                           |
| 10 02 02                                             | Unprocessed slag                                                                             |
| 10 02 08                                             | Solid wastes from gas treatment other than those mentioned in 10 02 07                       |
| 10 02 10                                             | Mill scales                                                                                  |
| 10 02 14                                             | Filter cakes from gas treatment other than those mentioned in 10 02 13                       |
| 10 02 15                                             | Other filter cakes                                                                           |

| <b>Table S2. Licensed waste types and quantities</b> |                                                                                              |
|------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>10 03</b>                                         | <b>Wastes from aluminium thermal metallurgy</b>                                              |
| 10 03 05                                             | Waste alumina                                                                                |
| 10 03 16                                             | Skimmings other than those mentioned in 10 03 15                                             |
| 10 03 18                                             | Carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17       |
| 10 03 24                                             | Solid wastes from gas treatment other than those mentioned in 10 03.23                       |
| 10 03 26                                             | Filter cakes from gas treatment other than those mentioned in 10 03 25                       |
| 10 03 28                                             | Wastes from cooling-water treatment other than those mentioned in 10 03 27                   |
| 10 03 30                                             | Wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29 |
| <b>10 04</b>                                         | <b>Wastes from lead thermal metallurgy</b>                                                   |
| 10 04 10                                             | Wastes from cooling-water treatment other than those mentioned in 10 04 09                   |
| <b>10 05</b>                                         | <b>Wastes from zinc thermal metallurgy</b>                                                   |
| 10 05 01                                             | Slags from primary and secondary production                                                  |
| 10 05 09                                             | Wastes from cooling-water treatment other than those mentioned in 10 05 08                   |
| 10 05 11                                             | Dross and skimmings other than those mentioned in 10 05 10                                   |
| <b>10 06</b>                                         | <b>Wastes from copper thermal metallurgy</b>                                                 |
| 10 06 01                                             | Slags from primary and secondary production                                                  |
| 10 06 02                                             | Dross and skimmings from primary and secondary production                                    |
| 10 06 10                                             | Wastes from cooling-water treatment other than those mentioned in 10 06 09                   |
| <b>10 07</b>                                         | <b>Wastes from silver, gold and platinum thermal metallurgy</b>                              |
| 10 07 01                                             | Slags from primary and secondary production                                                  |
| 10 07 02                                             | Dross and skimmings from primary and secondary production                                    |
| 10 07 03                                             | Solid wastes from gas treatment                                                              |
| 10 07 05                                             | Filter cakes from gas treatment                                                              |
| 10 07 08                                             | Wastes from cooling-water treatment other than those mentioned in 10 07 07                   |
| <b>10 08</b>                                         | <b>Wastes from other non-ferrous thermal metallurgy</b>                                      |
| 10 08 09                                             | Other slags                                                                                  |
| 10 08 11                                             | Dross and skimmings other than those mentioned in 10 08 10                                   |
| 10 08 13                                             | Carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12       |
| 10 08 14                                             | Anode scrap                                                                                  |
| 10 08 18                                             | Filter cakes from flue-gas treatment other than those mentioned in 10 08 17                  |
| 10 08 20                                             | Wastes from cooling-water treatment other than those mentioned in 10 08 19                   |

| <b>Table S2. Licensed waste types and quantities</b> |                                                                                                     |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>10 09</b>                                         | <b>Wastes from casting of ferrous pieces</b>                                                        |
| 10 09 03                                             | Furnace slag                                                                                        |
| 10 09 06                                             | Casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05    |
| 10 09 08                                             | Casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07        |
| 10 09 14                                             | Waste binders other than those mentioned in 10 09 13                                                |
| 10 09 16                                             | Waste crack-indicating agent other than those mentioned in 10 09 15                                 |
| <b>10 10</b>                                         | <b>Wastes from casting of non-ferrous pieces</b>                                                    |
| 10 10 03                                             | Furnace slag                                                                                        |
| 10 10 06                                             | Casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05   |
| 10 10 08                                             | Casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07       |
| 10 10 14                                             | Waste binders other than those mentioned in 10 10 13                                                |
| 10 10 16                                             | Waste crack-indicating agent other than those mentioned in 10 10 15                                 |
| <b>10 11</b>                                         | <b>Wastes from manufacture of glass and glass products</b>                                          |
| 10 11 03                                             | Waste glass-based fibrous materials                                                                 |
| 10 11 10                                             | Waste preparation mixture before thermal processing, other than those mentioned in 10 11 09         |
| 10 11 12                                             | Waste glass other than those mentioned in 10 11 11                                                  |
| 10 11 16                                             | Solid wastes from flue-gas treatment other than those mentioned in 10 11 15                         |
| 10 11 18                                             | Filter cakes from flue-gas treatment other than those mentioned in 10 11 17                         |
| <b>10 12</b>                                         | <b>Wastes from manufacture of ceramic goods, bricks, tiles and construction products</b>            |
| 10 12 01                                             | Waste preparation mixture before thermal processing                                                 |
| 10 12 05                                             | Filter cakes from gas treatment                                                                     |
| 10 12 06                                             | Discarded moulds                                                                                    |
| 10 12 08                                             | Waste ceramics, bricks, tiles and construction products (after thermal processing)                  |
| 10 12 10                                             | Solid wastes from gas treatment other than those mentioned in 10 12 09                              |
| 10 12 12                                             | Wastes from glazing other than those mentioned in 10 12 11                                          |
| <b>10 13</b>                                         | <b>Wastes from manufacture of cement, lime and plaster and articles and products made from them</b> |
| 10 13 01                                             | Waste preparation mixture before thermal processing                                                 |
| 10 13 04                                             | Wastes from calcination and hydration of lime                                                       |
| 10 13 07                                             | Filter cakes from gas treatment                                                                     |
| 10 13 10                                             | Wastes from asbestos-cement manufacture other than those mentioned in 10 13 09                      |
| 10 13 11                                             | Wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10    |
| 10 13 13                                             | Solid wastes from gas treatment other than those mentioned in 10 13 12                              |
| 10 13 14                                             | Waste concrete                                                                                      |

| <b>Table S2. Licensed waste types and quantities</b> |                                                                                                                                                                                                                            |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>11</b>                                            | <b>WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO METALLURGY</b>                                                                                                      |
| <b>11 01</b>                                         | <b>Wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)</b> |
| 11 01 10                                             | Filter cakes other than those mentioned in 11 01 09                                                                                                                                                                        |
| 11 01 14                                             | Degreasing wastes other than those mentioned in 11 01 13                                                                                                                                                                   |
| <b>11 02</b>                                         | <b>Wastes from non-ferrous hydrometallurgical processes</b>                                                                                                                                                                |
| 11 02 03                                             | Wastes from the production of anodes for aqueous electrolytical processes                                                                                                                                                  |
| 11 02 06                                             | Wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05                                                                                                                                     |
| <b>11 05</b>                                         | <b>Wastes from hot galvanising processes</b>                                                                                                                                                                               |
| 11 05 01                                             | Hard zinc                                                                                                                                                                                                                  |
| 11 05 02                                             | Zinc ash                                                                                                                                                                                                                   |
| <b>12</b>                                            | <b>WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS</b>                                                                                                                            |
| <b>12 01</b>                                         | <b>Wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>                                                                                                                            |
| 12 01 01                                             | Ferrous metal filings and turnings                                                                                                                                                                                         |
| 12 01 03                                             | Non-ferrous metal filings and turnings                                                                                                                                                                                     |
| 12 01 05                                             | Plastics shavings and turnings                                                                                                                                                                                             |
| 12 01 13                                             | Welding wastes                                                                                                                                                                                                             |
| 12 01 17                                             | Waste blasting material other than those mentioned in 12 01 16                                                                                                                                                             |
| 12 01 21                                             | Spent grinding bodies and grinding materials other than those mentioned in 12 01 20                                                                                                                                        |
| <b>15</b>                                            | <b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>                                                                                                        |
| <b>15 01</b>                                         | <b>Packaging (including separately collected municipal packaging waste)</b>                                                                                                                                                |
| 15 01 01                                             | Paper and cardboard packaging                                                                                                                                                                                              |
| 15 01 02                                             | Plastic packaging                                                                                                                                                                                                          |
| 15 01 03                                             | Wooden packaging                                                                                                                                                                                                           |
| 15 01 04                                             | Metallic packaging                                                                                                                                                                                                         |
| 15 01 05                                             | Composite packaging                                                                                                                                                                                                        |
| 15 01 06                                             | Mixed packaging                                                                                                                                                                                                            |
| 15 01 07                                             | Glass packaging                                                                                                                                                                                                            |
| 15 01 09                                             | Textile packaging                                                                                                                                                                                                          |
| <b>15 02</b>                                         | <b>Absorbents, filter materials, wiping cloths and protective clothing</b>                                                                                                                                                 |
| 15 02 03                                             | Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02                                                                                                                 |

| <b>Table S2. Licensed waste types and quantities</b> |                                                                                                            |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>16</b>                                            | <b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>                                                          |
| 16 03 04                                             | Inorganic wastes other than those mentioned in 16 03 03                                                    |
| 16 03 06                                             | Organic wastes other than those mentioned in 16 03 05                                                      |
| <b>16 11</b>                                         | <b>Waste linings and refractories</b>                                                                      |
| 16 11 02                                             | Carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01 |
| 16 11 04                                             | Other linings and refractories from metallurgical processes other than those mentioned in 16 11 03         |
| 16 11 06                                             | Linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05          |
| <b>17</b>                                            | <b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>               |
| <b>17 01</b>                                         | <b>Concrete, bricks, tiles and ceramics</b>                                                                |
| 17 01 01                                             | Concrete                                                                                                   |
| 17 01 02                                             | Bricks                                                                                                     |
| 17 01 03                                             | Tiles and ceramics                                                                                         |
| 17 01 07                                             | Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06                    |
| <b>17 02</b>                                         | <b>Wood, glass and plastic</b>                                                                             |
| 17 02 01                                             | Wood                                                                                                       |
| 17 02 02                                             | Glass                                                                                                      |
| 17 02 03                                             | Plastic                                                                                                    |
| <b>17 03</b>                                         | <b>Bituminous mixtures, coal tar and tarred products</b>                                                   |
| 17 03 02                                             | Bituminous mixtures other than those mentioned in 17 03 01                                                 |
| <b>17 04</b>                                         | <b>Metals (including their alloys)</b>                                                                     |
| 17 04 01                                             | Copper, bronze, brass                                                                                      |
| 17 04 02                                             | Aluminium                                                                                                  |
| 17 04 03                                             | Lead                                                                                                       |
| 17 04 04                                             | Zinc                                                                                                       |
| 17 04 05                                             | Iron and steel                                                                                             |
| 17 04 06                                             | Tin                                                                                                        |
| 17 04 07                                             | Mixed metals                                                                                               |
| 17 04 11                                             | Cables other than those mentioned in 17 04 10                                                              |
| <b>17 05</b>                                         | <b>Soil (including excavated soil from contaminated sites), stones and dredging spoil</b>                  |
| 17 05 04                                             | Soil and stones other than those mentioned in 17 05 03                                                     |
| 17 05 08                                             | Track ballast other than those mentioned in 17 05 07                                                       |

| <b>Table S2. Licensed waste types and quantities</b> |                                                                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>17 08</b>                                         | <b>Gypsum-based construction material</b>                                                                                                                    |
| 17 08 02                                             | Gypsum-based construction materials other than those mentioned in 17 08 01                                                                                   |
| <b>17 09</b>                                         | <b>Other construction and demolition wastes</b>                                                                                                              |
| 17 09 04                                             | Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03                                                       |
| <b>19</b>                                            | <b>WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE</b> |
| <b>19 01</b>                                         | <b>Wastes from incineration or pyrolysis of waste</b>                                                                                                        |
| 19 01 02                                             | Ferrous materials removed from bottom ash                                                                                                                    |
| 19 01 12                                             | Bottom ash and slag other than those mentioned in 19 01 11                                                                                                   |
| 19 01 18                                             | Pyrolysis wastes other than those mentioned in 19 01 17                                                                                                      |
| 19 01 19                                             | Sands from fluidised beds                                                                                                                                    |
| <b>19 02</b>                                         | <b>Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>                                            |
| 19 02 03                                             | Premixed wastes composed only of non-hazardous wastes                                                                                                        |
| 19 02 10                                             | Combustible wastes other than those mentioned in 19 02 08 and 19 02 09                                                                                       |
| <b>19 04</b>                                         | <b>Vitrified waste and wastes from vitrification</b>                                                                                                         |
| 19 04 01                                             | Vitrified waste                                                                                                                                              |
| <b>19 05</b>                                         | <b>Wastes from aerobic treatment of solid wastes</b>                                                                                                         |
| 19 05 01                                             | Non-composted fraction of municipal and similar wastes                                                                                                       |
| 19 05 02                                             | Non-composted fraction of animal and vegetable waste                                                                                                         |
| 19 05 03                                             | Off-specification compost                                                                                                                                    |
| <b>19 12</b>                                         | <b>Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>                        |
| 19 12 01                                             | Paper and cardboard                                                                                                                                          |
| 19 12 02                                             | Ferrous metal                                                                                                                                                |
| 19 12 03                                             | Non-ferrous metal                                                                                                                                            |
| 19 12 04                                             | Plastic and rubber                                                                                                                                           |
| 19 12 05                                             | Glass                                                                                                                                                        |
| 19 12 07                                             | Wood other than that mentioned in 19 12 06                                                                                                                   |
| 19 12 08                                             | Textiles                                                                                                                                                     |
| 19 12 09                                             | Minerals (for example sand, stones)                                                                                                                          |
| 19 12 10                                             | Combustible waste (refuse derived fuel)                                                                                                                      |
| <b>19 13</b>                                         | <b>Wastes from soil and groundwater remediation</b>                                                                                                          |
| 19 13 02                                             | Solid wastes from soil remediation other than those mentioned in 19 13 01                                                                                    |

| <b>Table S2. Licensed waste types and quantities</b> |                                                                                                                                                |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>20</b>                                            | <b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b> |
| <b>20 01</b>                                         | <b>Separately collected fractions (except 15 01)</b>                                                                                           |
| 20 01 01                                             | Paper and cardboard                                                                                                                            |
| 20 01 02                                             | Glass                                                                                                                                          |
| 20 01 08                                             | Biodegradable kitchen and canteen waste                                                                                                        |
| 20 01 10                                             | Clothes                                                                                                                                        |
| 20 01 11                                             | Textiles                                                                                                                                       |
| 20 01 38                                             | Wood other than that mentioned in 20 01 37                                                                                                     |
| 20 01 39                                             | Plastics                                                                                                                                       |
| 20 01 40                                             | Metals                                                                                                                                         |
| 20 01 41                                             | Wastes from chimney sweeping                                                                                                                   |
| <b>20 02</b>                                         | <b>Garden and park wastes (including cemetery waste)</b>                                                                                       |
| 20 02 01                                             | Biodegradable waste                                                                                                                            |
| 20 02 02                                             | Soil and stones                                                                                                                                |
| <b>20 03</b>                                         | <b>Other municipal wastes</b>                                                                                                                  |
| 20 03 01                                             | Mixed municipal waste                                                                                                                          |
| 20 03 02                                             | Waste from markets                                                                                                                             |
| 20 03 03                                             | Street-cleaning residues                                                                                                                       |
| 20 03 07                                             | Bulky waste                                                                                                                                    |

## **Schedule 3 – Emissions and monitoring**

There are no emission limits or associated monitoring requirements

## **Schedule 4 - Reporting**

There is no reporting under this schedule.

## Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied in parts A and B shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

### Part A

|                                |  |
|--------------------------------|--|
| Permit Number                  |  |
| Name of operator               |  |
| Location of Facility           |  |
| Time and date of the detection |  |

**(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution**

**To be notified within 24 hours of detection**

|                                                                  |  |
|------------------------------------------------------------------|--|
| Date and time of the event                                       |  |
| Reference or description of the location of the event            |  |
| Description of where any release into the environment took place |  |
| Substances(s) potentially released                               |  |
| Best estimate of the quantity or rate of release of substances   |  |
| Measures taken, or intended to be taken, to stop any emission    |  |
| Description of the failure or accident.                          |  |

**(b) Notification requirements for the detection of any significant adverse environmental effect**

**To be notified within 24 hours of detection**

|                                                                 |  |
|-----------------------------------------------------------------|--|
| Description of where the effect on the environment was detected |  |
| Substances(s) detected                                          |  |
| Concentrations of substances detected                           |  |
| Date of monitoring/sampling                                     |  |

## Part B - to be submitted as soon as practicable

|                                                                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Any more accurate information on the matters for notification under Part A.                                                                            |  |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident                                                                       |  |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission |  |
| The dates of any unauthorised emissions from the facility in the preceding 24 months.                                                                  |  |

|                  |  |
|------------------|--|
| <b>Name*</b>     |  |
| <b>Post</b>      |  |
| <b>Signature</b> |  |
| <b>Date</b>      |  |

\* authorised to sign on behalf of the operator

## Schedule 6 - Interpretation

*“accident”* means an accident that may result in pollution.

*“Annex I”* means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“Annex II”* means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“application”* means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

*“authorised officer”* means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

*“best available treatment, recovery and recycling techniques”* shall have the meaning given to it in the document published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive on 27th November 2006, entitled “Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRRT) and Treatment of Waste Electrical and Electronic Equipment (WEEE);

*“building”* means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

*“D”* means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“EP Regulations”* means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

*“groundwater protection zones 1 and 2”* have the meaning given in the document titled “Groundwater Protection: Policy and Practice” published by the Environment Agency in 2006.

*“hazardous waste”* has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No.894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No.895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

*“Industry Standard Protocol”* means “A standardised protocol for the monitoring of bioaerosols at open composting facilities” published by the Association for Organics Recycling and developed in conjunction with the Environment Agency

*“quarter”* means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

*“R”* means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“Waste code”* means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

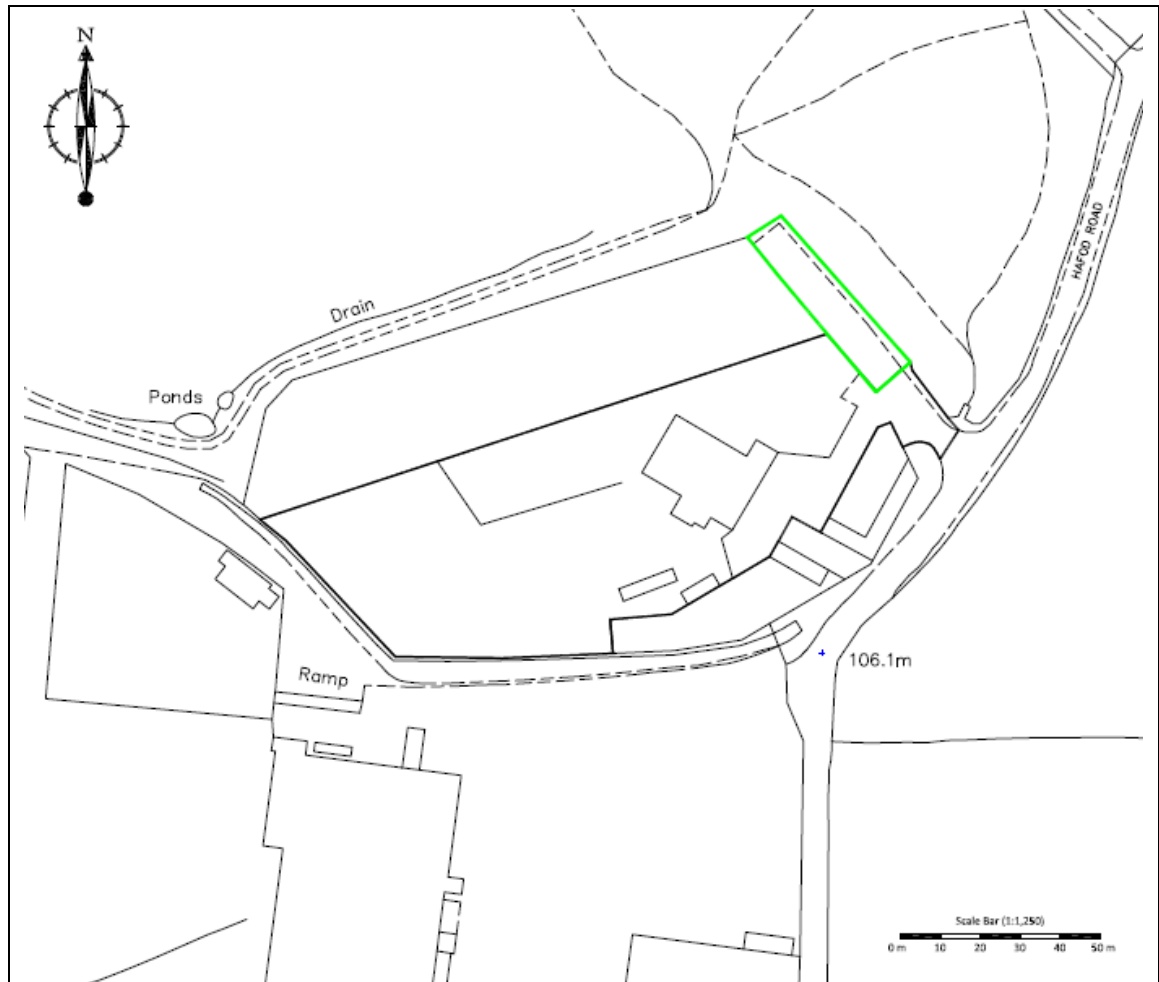
*“Waste Framework Directive” or “WFD”* means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“WEEE”* means waste electrical and electronic equipment.

*“WEEE Directive”* means Directive 2002/96/EC of the European Parliament and of the Council of 27th January 2003 on waste electrical and electronic equipment (WEEE) as amended by Directive 2003/108/EC of the European Parliament and of the Council of 8th December 2003 on waste electrical and electronic equipment (WEEE).

## Schedule 7 - Site plan

This is the plan referred to in condition 2.2.1



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END OF PERMIT